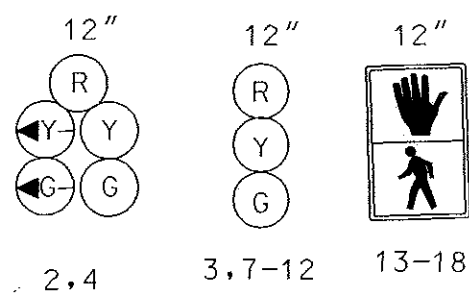


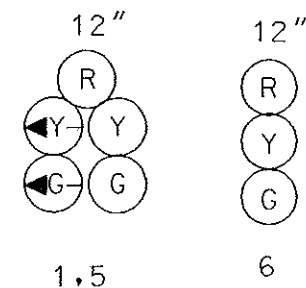
MD 28 DARNESTOWN ROAD IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

EXISTING SIGNALS TO REMAIN



2.4 3.7-12 13-18

PROPOSED SIGNALS



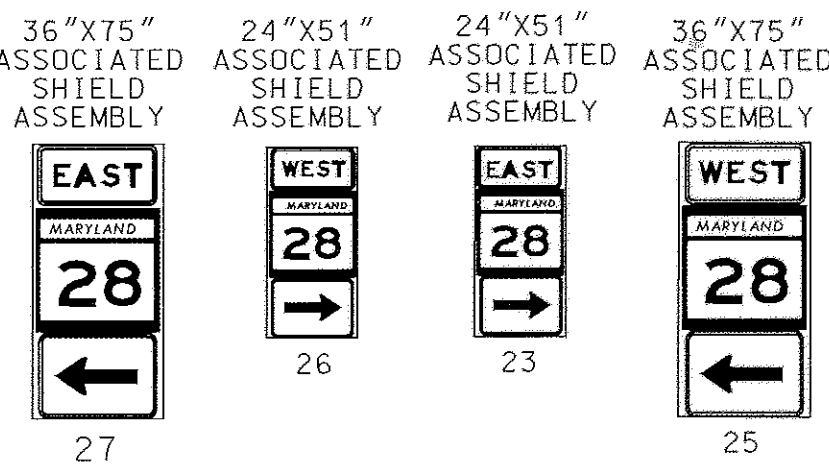
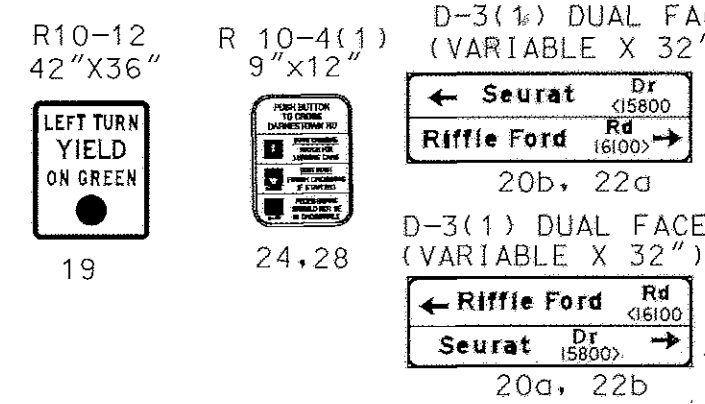
1.5 6

PROPOSED SIGNS



21

EXISTING SIGNS TO REMAIN

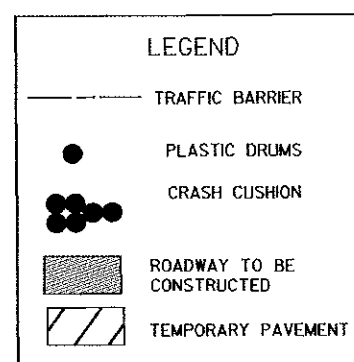


27

26

23

25



TO DARNESTOWN

MD 28

EXISTING R/W LINE AND DEDICATION LINE

CONSTRUCTION DETAILS

- INSTALL 6 FOOT X 30 FOOT QUADRIPOLE-TYPE LOOP DETECTOR (3-6-3 TURNS) ENCASED IN FLEXIBLE TUBING.
- ABANDON EXISTING DETECTOR.
- CAP AND ABANDON EXISTING CONDUIT.
- MAINTAIN EXISTING POLE, MAST ARM, SIGNAL HEADS, SIGNS, LAMP AND LUMINAIRE. INSTALL 3/8-INCH SPAN WIRE AS SHOWN. REWIRE CABLES AS INDICATED ON WIRING DIAGRAM.
- INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- USE EXISTING ELECTRICAL HANDHOLE.
- INSTALL 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
- MAINTAIN EXISTING ELECTRICAL CONDUIT. RECONNECT TO ELECTRICAL HANDHOLE INSTALLED IN THIS PHASE.
- INSTALL 3/8-INCH SPAN WIRE. USE TO ROUTE CABLES AS INDICATED ON WIRING DIAGRAM.
- REMOVE EXISTING ELECTRICAL HANDHOLE.
- USE EXISTING ELECTRICAL CONDUIT.
- CUT EXISTING ELECTRICAL CONDUIT. INSTALL ELECTRICAL HANDHOLE AND CONNECT TO EXISTING CONDUIT.
- USE EXISTING CONTROLLER.
- INSTALL 4 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE).
- COVER EXISTING SIGNAL HEAD/ SIGN.
- INSTALL 40 FOOT TEMPORARY WOOD POLE, 3/8-INCH SPAN WIRE, 3 INCH PVC RISER, SIGNAL HEADS AND SIGN AS SHOWN.
- INSTALL 3 INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (PRIOR TO SIDEWALK CONSTRUCTION WHERE APPLICABLE).

GEOMETRICS LEGEND

PROPOSED GEOMETRICS
EXISTING GEOMETRICS

LEGEND OF UTILITIES

WATER
GAS
UNDERGROUND TELEPHONE
SANITARY SEWER
UNDERGROUND ELECTRIC
AERIAL
STORM DRAIN
SEWAGE FORCE MAIN
CABLE TV

REVISION 'A'
KCI
TECHNOLOGIES INC.
ENGINEERS AND PLANNERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800

REVISIONS	APPROVALS
10-00 NEW MD 28 GEOMETRICS SHA CONT. NO. M05285271	PROJECT MANAGER, SIGNAL DESIGN DIVISION ORIGINALS ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION ON CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION FILE DIRECTOR, TRAFFIC & SAFETY
ADDENDUM NO. 3 REPLACEMENT SHEET 12/19/2000	

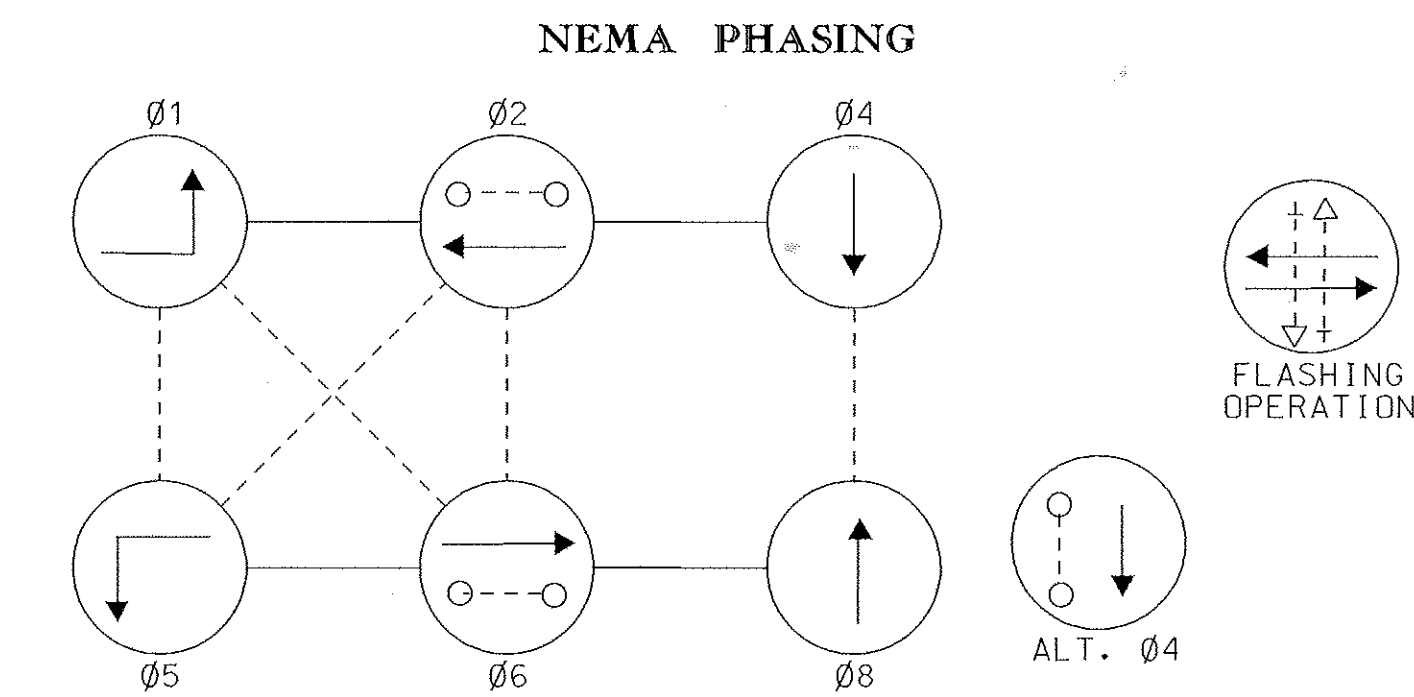
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
PHASE 2 CONSTRUCTION
MD 28 (DARNESTOWN RD) AND RIFFLE FORD ROAD/ SEURAT DRIVE

DRAWN BY: S. CHERNAK
CHECKED BY: M. RUCKER
SCALE: 1" = 20'
DATE: 4-18-96

F.A.P. NO. STPG-0005(301)E
S.H.A. NO. AW-791-479-385
COUNTY: MONTGOMERY
LOG MILE: 15002815.21

TS NO. 3602A-PX-1
T.I.M.S. NO. D107

SHEET NO. OF



NEMA PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING R/W LINE AND DEDICATION LINE

DARNESTOWN ROAD

TO ROCKVILLE

- NOTES:
- ALL EQUIPMENT REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR EXCEPT FOR THOSE ITEMS LISTED ON THE GENERAL INFORMATION SHEET.
 - PAVEMENT MARKINGS DETAILED ARE AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS. ALL OTHER PAVEMENT MARKINGS NOT DETAILED ARE FOUND ON SIGNING AND PAVEMENT MARKING PLANS.
 - D.O. INDICATES DELAY OUTPUT LOOP DETECTOR.
 - ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.
 - GEOMETRICS SHALL BE CONFIRMED PRIOR TO INSTALLATION OF SIGNAL EQUIPMENT.
 - LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
 - REFER TO THE TRAFFIC CONTROL PLAN FOR TEMPORARY SIGNING AND PAVEMENT MARKINGS.
 - UNLESS OTHERWISE NOTED, ALL EXISTING SIGNAL EQUIPMENT SHALL BE MAINTAINED.
 - REFER TO ULTIMATE GENERAL INFORMATION SHEET FOR PROJECT DESCRIPTION, MAINTAIN EXISTING PHASING UNLESS OTHERWISE INDICATED ON GENERAL INFORMATION SHEET.
 - ALL DISCONNECTING AND SPLICING OF INTERCONNECT CABLE SHALL BE PERFORMED BY MONTGOMERY COUNTY DIVISION OF TRAFFIC AND PARKING SERVICES PERSONNEL.

TSP